

December 11, 1985

SECTION I

MANUFACTURER'S NAME KEM MANUFACTURING CORPORATION
ADDRESS 2075 Tucker Industrial Road
Tucker, Georgia 30085-0017
EMERGENCY TELEPHONE 404 938-7980
TRADE NAME AND SYNONYMS COILEX
CHEMICAL PRODUCT TYPE Alkaline Cleaning Compound
FORMULA Proprietary

SECTION II - HAZARDOUS INGREDIENTS

| CHEMICAL NAME; (COMMON NAME OR SYNONYMS) | CAS NO | WT % | TLV | HAZARD(S) |
|---|------------|------|-----|-----------|
| | NONE KNOWN | | | |

SECTION III - PHYSICAL DATA

| | |
|--------------------------------|---|
| BOILING POINT (°F) | Min. 212 |
| VAPOR PRESSURE (mm Hg) | Not Available |
| VAPOR DENSITY (Air = 1) | Not Available |
| SOLUBILITY IN WATER | Complete |
| SPECIFIC GRAVITY | 1.005-1.011 |
| PERCENT VOLATILE BY VOLUME (%) | 91 |
| EVAPORATION RATE (Ether = 1) | Not Available |
| APPEARANCE AND ODOR | Clear, green liquid with slight mint odor |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F) Min 212 TCC
FLAMMABLE LIMITS Normally nonflammable
EXTINGUISHING MEDIA Water Fog, Chemical Foam, CO₂,
SPECIAL FIREFIGHTING PROCEDURES Wear protective boots, suits, gloves, face
shield, hardhat and a NIOSH approved self-contained breathing apparatus.
Cool fire-exposed containers with water.
UNUSUAL FIRE AND EXPLOSION HAZARDS NONE KNOWN

DISCLAIMER

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OF THE MATERIAL. IN NO EVENT WILL SELLER BE LIABLE TO BUYER FOR INCIDENTAL
OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS MATERIAL.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE Not available

EFFECTS OF OVEREXPOSURE

EYES: Contact may cause stinging or burning, intense watering, conjunctivitis (inflammation of the eyes), burns and irreparable damage of mucous membranes.

SKIN: Contact may cause itching or tingling, inflammation, painful ulcerations.

INHALATION: May cause irritation of nose, eyes, and throat, coughing, dizziness, nausea, difficulty in breathing, chemical bronchitis.

INGESTION: May cause irritation and burning sensation of lips, mouth, and throat, pain in swallowing, gastro-intestinal irritation, abundant salivation, stomach cramps, nausea and vomiting, difficulty in breathing, risk of perforation of stomach.

EMERGENCY FIRST AID PROCEDURES

EYES: Immediately flush eyes with running water for at least fifteen minutes. If pain and/or irritation persists, get medical attention.

SKIN: Remove contaminated clothing immediately and flush affected area with water for at least fifteen minutes. If pain or irritation persists, get medical attention. Launder clothing before reusing.

INHALATION: Move victim to fresh air, lay him down with legs raised, loosen collar and belt, and cover with a blanket. If breathing is difficult, give oxygen administered by a trained individual. If not breathing, administer artificial respiration and then administer oxygen. Get medical attention.

INGESTION: If swallowed - DO NOT INDUCE VOMITING. Give cold water or ice to rinse mouth with. Give water, vinegar and water, or fruit juice. If vomiting does occur, give fluids again. Keep victim warm and quiet. Get immediate medical attention. Do not give anything by mouth to an unconscious person.

SECTION VI - REACTIVITY DATA

STABILITY: Normally stable

CONDITIONS TO AVOID: High Temperatures

INCOMPATIBILITY: Avoid contact with strong acids or other reactive materials.

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Stop leaks and contain spill. Only trained personnel with proper protective equipment should be permitted in area. Reclaim if possible. Or, dilute spill with large amounts of water then neutralize with dilute acid solution. Dispose in accordance with state and federal regulations. After all visible traces have been removed, flush area with large amounts of water.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Respirator may be worn by persons sensitive to fumes.

VENTILATION: Local exhaust as needed to control fumes.

EYE PROTECTION: Face shield or safety goggles.

PROTECTIVE GLOVES: Rubber or vinyl.

OTHER PROTECTIVE EQUIPMENT: Eye wash, safety shower, local water supply in case of eye or skin contact or spills.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact with strong acids or reactive metals. Store in tightly sealed containers in a cool, dry place.

OTHER PRECAUTIONS: None required.